

Fig. 8

Moloney Murine Leukemia Virus – envelope protein (gp70), nucleic acid sequence (from complete MoMLV genome sequence; Genbank Accession No. NC_001501). The SU (extracellular domain) is encoded by nucleotides 5612 – 6919 (pictured below). The transmembrane and cytoplasmic tail extends from nucleotides 6920-7507. There is a signal peptide sequence at the beginning of the SU, localizing the protein to the cell membrane.

aattcttctg	atgctcagag	gggtcagtac	tgcttcgccc	ggctccagtc	ctcatcaagt	5581
ctataatatc	acctgggagg	taaccaatgg	agatcgggag	acggtatggg	caacttctgg	5641
caaccaccct	ctgtggacct	ggtggcctga	ccttacccca	gatttatgta	tgtagccca	5701
ccatggacca	tcttattggg	ggctagaata	tcaatccctt	ttttcttctc	ccccggggcc	5761
cccttgttgc	tcagggggca	gcagcccagg	ctgttccaga	gactgcgaag	aacctttaac	5821
ctccctcacc	cctcggtgca	acactgcctg	gaacagactc	aagctagacc	agacaactca	5881
taaatcaaat	gagggatttt	atgtttgccc	cgggccccac	cgcccccgag	aatccaagtc	5941
atgtgggggt	ccagactcct	tctactgtgc	ctattggggc	tgtgagacaa	ccggtagagc	6001
ttactggaag	ccctcctcat	catgggattt	catcacagta	aacaacaatc	tcacctctga	6061
ccaggctgtc	caggtatgca	aagataataa	gtggtgcaac	cccttagtta	ttcggtttac	6121
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caaactgttt	aagtcgcctt	cagtcaccaa	accacccagt	gggactcctc	tctcccctac	6361
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agccaactgc	tccgtggcct	cccaacacaa	gttgaccttg	tccgaagtga	ccggacaggg	6601
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cgaactctgg	ccaagagtca	cctatcattc	ccccagctat	gtttacggcc	tgtttgagag	6841
atccaaccga	cacaaaagag	aaccgggtgtc	gttaaccctg	gccctattat	tgggtggact	6901
aaccatgggg	ggaattgccg	ctggaatagg	aacagggact	actgctctaa	tggccactca	6961
gcaattccag	cagctccaag	ccgcagtaca	ggatgatctc	aggaggttg	aaaaatcaat	7021
ctetaacctc	gaaaagtctc	tcacttccct	gtctgaagtt	gtcctacaga	atcgaagggg	7081
cctagacttg	ttatttctaa	aagaaggagg	gctgtgtgct	gctctaaaag	aagaatgttg	7141
cttctatgcg	gaccacacag	gactagttag	agacagcatg	gccaaattga	gagagaggct	7201
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atcccccttg	tttaccacct	tgatatctac	cattatggga	cccctcattg	tactcctaata	7321
gatttttgctc	ttcggaccct	gcattcttaa	tcgattagtc	caatttggtta	aagacaggat	7381
atcagtgggc	caggctctag	ttttgactca	acaatatcac	cagctgaagc	ctatagagta	7441
cgagccatag	ataaaataaa	agattttatt	tagtctccag	aaaaaggggg	gaatgaaaga	7501